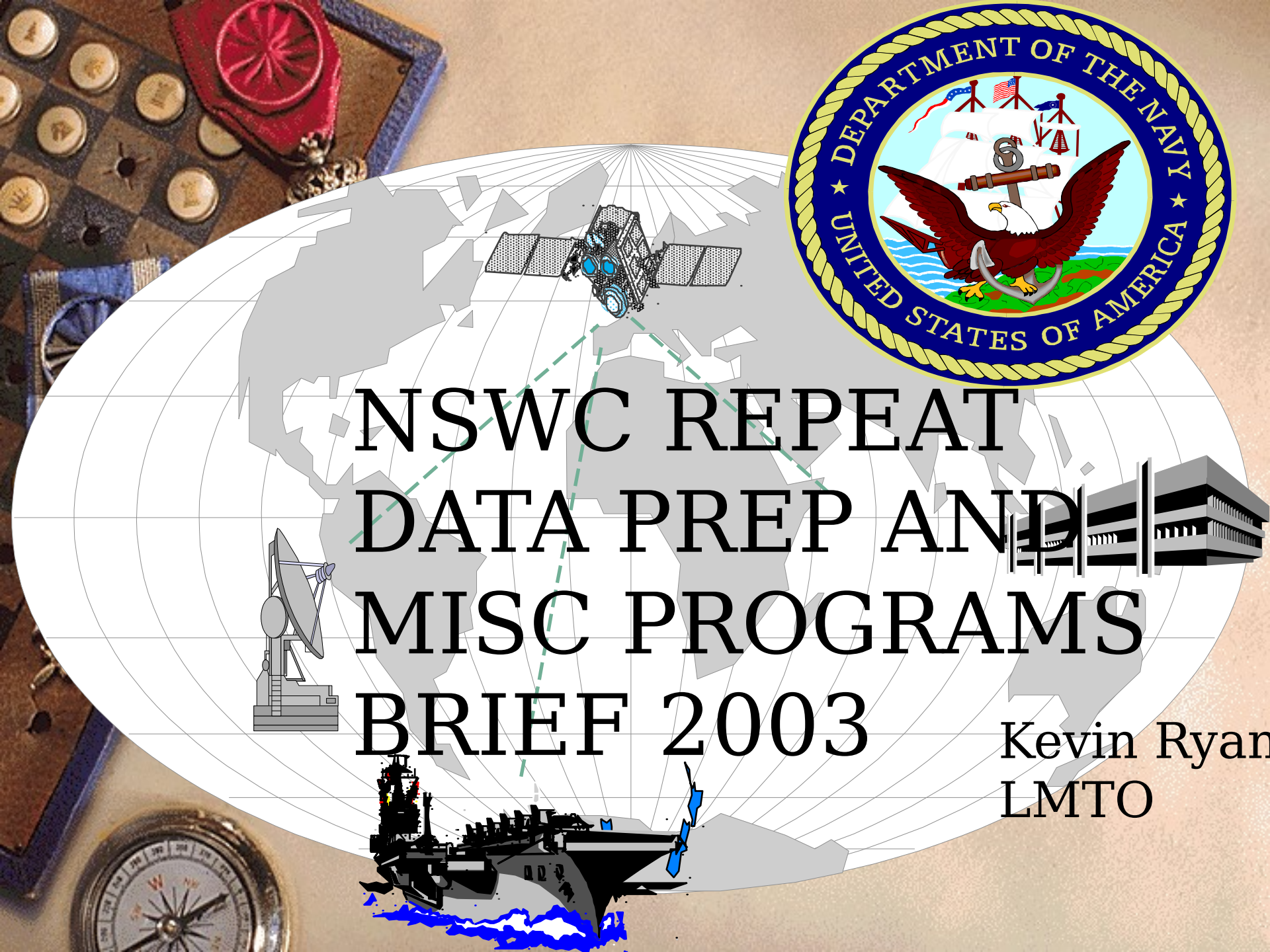

NSWC REPEAT DATA PREP AND MISC PROGRAMS BRIEF 2003

Kevin Ryan
LMTO

STRIPPING OTCIXS/ACIXS DATA

- PROGRAM CONVERTS 8 AND 16 BIT PROTOCOL DATA COLLECTED ON OTCIXS TO AN ASCII TEXT MESSAGE HEADER
- REMOVES ALL HANDSHAKING
- RESULTING FILE IS IN TDF FORMAT.
- IAW IDS(P)-8648
- ERROR MESSAGES WILL BE DISPLAYED

STRIPPING OTCIXS/ ACIXS SYNC DATA

- MESSAGE PROTOCOLS FROM REPEAT TDF FILES FOR OTCIXS SYNCHRONOUS DATA
- REMOVES ALL HANDSHAKING
- RESULTING FILE IS IN TDF FORMAT.
- IAW IDS(P)-8647
- REQUIRES DCP-88 CO-PROCESSOR CARD FOR DATA COLLECTIONS

REPEAT PROGRAM
STRIP PROGRAMS

STRIPOTX INSTRUCTIONS

CMD.EXE - STRIPOTX

```
                    STRIPOTX - Version 2003
                * * * DOD CONTROLLED SOFTWARE * * *
          * * * UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED * * *

This program converts 8 and 16 bit protocol data collected on OTCIXS to an
ASCII text message header and removes all handshaking.  The resulting file is
in a stripped TDF format.  The conversion is in accordance with IDS(P)-8648
Interface Design Specification Between OTCIXS/TADIXS and TDP systems.
FORMAT: STRIPOTX [DEBUG] [S] [A] [B] [O] X|R infile outfile [sumfile]
 Where:  [DEBUG]   - Turns on debug mode. Each 'I' frame received
                     is displayed on the screen in hexadecimal form.
         [S]       - Turns on display of all program messages to the
                     screen.  Message sequence numbers are always displayed.
         [A]       - Include ACK messages in construction of the out file.
         [B]       - Include Binary message data in construction of the out
                     file.  A header is entered either way. Binary messages
                     are format types 01,05,06,07,0B,1A,21,25,26,27,2B,3A hex.
         [O]       - Omit an entry for each message in the summary file. The
                     summary file will still contain overall file statistics.
         X         - Specifies Input files are OTCIXS TRANSMIT.
         R         - Specifies Input files are OTCIXS RECEIVE.
         infile    - OTCIXS INPUT file specification.
         outfile   - OTCIXS OUTPUT files(s) with V6/TDP handshaking removed.
         [sumfile] - Generate summary file(s).
                     Press any key to continue . . .
```

STRIPOTX INSTRUCTIONS 2

CMD.EXE

```
                  is displayed on the screen in hexadecimal form.
        [S]       - Turns on display of all program messages to the
                    screen.  Message sequence numbers are always displayed.
        [A]       - Include ACK messages in construction of the out file.
        [B]       - Include Binary message data in construction of the out
                    file.  A header is entered either way. Binary messages
                    are format types 01,05,06,07,0B,1A,21,25,26,27,2B,3A hex.
        [O]       - Omit an entry for each message in the summary file. The
                    summary file will still contain overall file statistics.
        X         - Specifies Input files are OTCIXS TRANSMIT.
        R         - Specifies Input files are OTCIXS RECEIVE.
        infile    - OTCIXS INPUT file specification.
        outfile   - OTCIXS OUTPUT files(s) with V6/TDP handshaking removed.
        [sumfile] - Generate summary file(s).
                  Press any key to continue . . .
 NOTE:  The '*' and '?' DOS wild cards may be used to select multiple files.

 EXAMPLES: STRIPOTX X niotcx.191 niotcx.stp niotcx.sum
           STRIPOTX S A X niotcx??.* niotcxST.* niotcxSU.*
           STRIPOTX S O B R *.raw *.stp *.sum

                        * * * DOD CONTROLLED SOFTWARE * * *
              * * * UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED * * *

C:\WINNT\SYSTEM32>
```

STRIPSYC INSTRUCTIONS

CMD.EXE

```
                    STRIPSYC - Version 2003
                * * * DOD CONTROLLED SOFTWARE * * *
          * * * UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED * * *
This program strips and converts message protocols from REPEAT TDF files for
OTCIXS synchronous data.  The conversion routine is in accordance with
IDS(P)-8647 Interface Design Specification for Officer in Tactical Command
Information Exchange Subsystem (OTCIXS).  Some protocol is made part of the
stripped Tactical Data File.
FORMAT: STRIPSYC [O] [A] [B] infile outfile [sumfile]
Where:   infile    - OTCIXS INPUT file specification.
         outfile   - OTCIXS OUTPUT files(s) with V6/TDP handshaking removed.
         [sumfile] - Optional summary file to capture screen display.
         [O]       - OMIT protocol messages from outfile.  These include the
                     Net Control Blocks, the Broadcast Request Transmission
                     and the Broadcast Transmission Unit messages.
         [A]       - Include ACK messages in construction of the out file.
         [B]       - Include Block checksum validity check and printout for
                     each 64 byte packet of data.
         [M]       - Mark each invalid 64 byte packet.  If invalid checksum
                     begin with ^^CS^. If invalid sequence count begin with
                     ^^SQ^. End each invalid block with ^^^.
 NOTE:  The '*' and '?' DOS wild cards may be used to select multiple files.
 EXAMPLES: STRIPSYC niotcx.191 niotcx.stp >niotcx.out
           STRIPSYC O A niotcx*.raw niotcx*.stp niotcx*.sum
C:\WINNT\SYSTEM32>
```

VIEW BEFORE STRIP

tdp.raw - REPEAT ViewTDF

File Search View Help

```
03/08:01:48.1  <NUL>□>□²¼<NUL>□Q«$<NUL>□q□F<NUL>□p□„□<NUL>□'rh<NUL>□'□ò¯<NUL>□±V
03/08:01:58.5  <NUL>□Ñ:¬<NUL>□Ô□UÅ<NUL>□ñ□Î<NUL>□ö□5A<NUL>□□ãà<NUL>□1Ç,<NUL>□8□<NUL>□<NUL>□Q«$<NUL>□q□F<NUL>□z□k´<NUL>□'rh<NUL>□œ□Ñ <NUL>□±V
03/08:02:15.0  <NUL>□Ñ:¬<NUL>□Þ□°□<NUL>□ñ□Î<NUL>□ð□Ÿç<NUL>□□ãà<NUL>□1Ç,<NUL>□2□ïÑ<NUL>□Q«$<NUL>□T□N]<NUL>□q□F<NUL>□'rh<NUL>□-□>k<NUL>□±V
03/08:02:31.3  <NUL>□Ñ:¬<NUL>□Ø□□¨<NUL>□ñ□Î<NUL>□ú□p,<NUL>□□ãà<NUL>□1Ç,<NUL>□<□ÌÞ<NUL>□Q«$<NUL>□^□¡-<NUL>□q□F<NUL>□'rh<NUL>□□□˝Í<NUL>□±V
03/08:02:47.8  <NUL>□Ñ:¬<NUL>□Ô□ÿc<NUL>□ñ□Î<NUL>□ô□S#<NUL>□□ãà<NUL>□□□<NUL>□<NUL><NUL>ÞÞÞÞÞ□Ñõ□<NUL>□1Ç,<NUL>ý8□□o□Ñ□ÞÞÞÞÞ<NUL>□s¥L<NUL>□ZNR UUUUU
03/08:02:51.5  O 030800Z JUL 2002
03/08:02:51.6  FM JWID 01
03/08:02:51.6  TO JBC 01 GCCS
03/08:02:51.6  BÚt<NUL>□T
03/08:02:51.7  UNCLAS
03/08:02:51.7  MSGID/NAV FRIEND 3/GOLD/0001/JUL/JWID 01
03/08:02:51.8  CTC/T112□°<NUL>□9/TICONDEROGA-YORKTOWN//CG/NAV/48/US////09//3////RPT000001129
03/08:02:51.9  ÷=<NUL>□POS/030750Z5/JUL/2959N5/08745¢£<NUL>ý:□W4/OTH/180T/1NM/1NM/0T/OK
03/08:02:52.1  CTC/T11□p<NUL>□28/VAN SPEIJK-WITTE DE WITH//FFG/NAV/F813/NL////09//3
03/08:02:52.3  ////RPT0û.<NUL>□00001128
03/08:02:52.3  POS/030750Z5/JUL/3251N1/07907W3/OTH/180T/1NM/1NM/0T/0ù„<NUL>□K
03/08:02:52.4  CTC/T1125/HALIFAX-VILLE DE QUEBEC//FFG/NAV/F332/CA////09//3
03/08:02:52.6  ÉÛ<NUL>□
03/08:02:52.6  ////5ÿ<NUL>ý<□RPT000001125
03/08:02:52.7  POS/030750Z5/JUL/3345N5/07716W1/OTH/180T/1N,¬<NUL>□M/1NM/0T/OK
03/08:02:52.8  CTC/T1124/PERRY-VICTORIA//FFG/NAV/F82/SP////09//3/™y<NUL>
03/08:02:52.9  ///RPT000001124
03/08:02:53.0  POS/030750Z5/JUL/3453N5/07224W5/OTH/180T/1NM/1ÇÕ<NUL>□NM/0T/OK
03/08:02:53.1  CTC/T1122/HALIFAX-VANCOUVER//FFG/NAV/F33H□<NUL>□^□¡-<NUL>ýp□1/CA////09//3Í7<NUL>□////RPT000001122
03/08:02:55.2  POS/030750Z5/JUL/3350N1/07719W4/OTH/180T/1NM/mÍ<NUL>
03/08:02:55.3  1NM/0T/OK
03/08:02:55.3  CTC/T1121/ALKMAAR-URK//MHC/NAV/M861/NL////09//3////Rú^<NUL>□PT000001121
03/08:02:55.4  POS/030750Z5/JUL/3319N6/07838W6/OTH/180T/1NM/1NM/0=o<NUL>□T/OK
03/08:02:55.6  CTC/T1119/TRAFALGAR-Txõ<NUL>ýr□RENCHANT//SSN/SUB/S91/UK////06//3
03/08:02:55.8  ï□<NUL>□////RPT000001119
03/08:02:55.9  POS/030750Z5/JUL/2800NO/08559W7/OTH/180T/1NM/©□<NUL>□1NM/0T/OK
03/08:02:56.0  CTC/T1118/LEANDER-TE MANA//FFG/NAV/F77/NZ////09//3//«™<NUL>□//RPT000001118
03/08:02:56.1  POS/030750Z5/JUL/3357N8/07643W0/OTH/180T/1NM/1NFê<NUL>□M/0T/Ca<NUL>ýt□OK
03/08:02:56.4  CTC/T1117/LEANDER-TE KAHA//FFG/NAV/F111/NZ////09//3////▪<NUL>□/RPT000001117
03/08:02:56.5  POS/030750Z5/JUL/3252N2/07556W3/OTH/180T/1NM/1NM
```

For Help, press F1 CAP

VIEW AFTER STRIP

TDP.STP - REPEAT ViewTDF

File Search View Help

```
03/08:02:51.5  OTXFM:0111
03/08:02:51.5  TO:0222,0222,0222,0222,0222
03/08:02:51.5  TDP MSN:2001
03/08:02:51.6  V6 MSN:2001
03/08:02:51.6  TYPE:02
03/08:02:51.6  PRECEDENCE:IMMED
03/08:02:51.7  TEXT:Y
03/08:02:51.7  ERR:OKAY
03/08:02:51.7  ZNR UUUUU
03/08:02:51.7  O 030800Z JUL 2002
03/08:02:51.8  FM JWID 01
03/08:02:51.8  TO JBC 01 GCCS
03/08:02:51.8  BT
03/08:02:51.8  UNCLAS
03/08:02:51.9  MSGID/NAV FRIEND 3/GOLD/0001/JUL/JWID 01
03/08:02:52.0  CTC/T1129/TICONDEROGA-YORKTOWN//CG/NAV/48/US////09//3////RPT000001129
03/08:02:52.1  POS/03075OZ5/JUL/2959N5/08745W4/OTH/18OT/1NM/1NM/OT/OK
03/08:02:52.2  CTC/T1128/VAN SPEIJK-WITTE DE WITH//FFG/NAV/F813/NL////09//3
03/08:02:52.4  ////RPT000001128
03/08:02:52.4  POS/03075OZ5/JUL/3251N1/07907W3/OTH/18OT/1NM/1NM/OT/OK
03/08:02:52.5  CTC/T1125/HALIFAX-VILLE DE QUEBEC//FFG/NAV/F332/CA////09//3
03/08:02:52.6  ////RPT000001125
03/08:02:52.7  POS/03075OZ5/JUL/3345N5/07716W1/OTH/18OT/1NM/1NM/OT/OK
03/08:02:52.8  CTC/T1124/PERRY-VICTORIA//FFG/NAV/F82/SP////09//3////RPT000001124
03/08:02:52.9  POS/03075OZ5/JUL/3453N5/07224W5/OTH/18OT/1NM/1NM/OT/OK
03/08:02:53.1  CTC/T1122/HALIFAX-VANCOUVER//FFG/NAV/F331/CA////09//3////RPT000001122
03/08:02:53.2  POS/03075OZ5/JUL/3350N1/07719W4/OTH/18OT/1NM/1NM/OT/OK
03/08:02:53.3  CTC/T1121/ALKMAAR-URK//MHC/NAV/M861/NL////09//3////RPT000001121
03/08:02:53.5  POS/03075OZ5/JUL/3319N6/07838W6/OTH/18OT/1NM/1NM/OT/OK
03/08:02:53.6  CTC/T1119/TRAFALGAR-TRENCHANT//SSN/SUB/S91/UK////06//3
03/08:02:53.7  ////RPT000001119
03/08:02:53.7  POS/03075OZ5/JUL/2800N0/08559W7/OTH/18OT/1NM/1NM/OT/OK
03/08:02:53.9  CTC/T1118/LEANDER-TE MANA//FFG/NAV/F77/NZ////09//3////RPT000001118
03/08:02:54.0  POS/03075OZ5/JUL/3357N8/07643W0/OTH/18OT/1NM/1NM/OT/OK
03/08:02:54.1  CTC/T1117/LEANDER-TE KAHA//FFG/NAV/F111/NZ////09//3////RPT000001117
03/08:02:54.3  POS/03075OZ5/JUL/3252N2/07556W3/OTH/18OT/1NM/1NM/OT/OK
03/08:02:54.4  CTC/T1116/FFG7-SYDNEY//FFG/NAV/F03/AS////09//3////RPT000001116
03/08:02:54.5  POS/03075OZ5/JUL/3426N5/07621W6/OTH/18OT/1NM/1NM/OT/OK
03/08:02:54.6  CTC/T1115/SACREMENTO-SUPPLY//AOE/NAV/6/US////09//3////RPT000001115
```

For Help, press F1

CAP

MAKETDF

- CONVERTS AN ASCII FILE INTO A TACTICAL DATA FILE FORMAT
- PERMITS USE WITH THE REPEAT PROGRAMS
- TDF WILL KEEP CR NSAN LF SETTING FROM TEST FILE
- PROTOCOL SELCTABLE SETING CAN BE USED

REPEAT PROGRAM

MAKETDF INSTRUCTIONS

CMD.EXE

```
                        MAKETDF - Version 2003

                    * * * DOD CONTROLLED SOFTWARE * * *
              * * * UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED * * *

Converts an ASCII file into a TDF file format for use with the REPEAT programs.

Format: MAKETDF infile outfile [,type][,baud][,word][,stop][,parity]

 Where:
         infile    - Input data file.
         outfile   - Output TDF filename.
         [type]    - Optional: Valid types are: ASCII, BAUDOT, BINARY or SYNC
         [baud]    - Optional: Valid baud rates are: 50,75,110,134,150,300,
                     600,1200,1800,2000,2400,3600,4800,7200,9600,19200
         [word]    - Optional: Valid word sizes are 5,6,7, and 8
         [stop]    - Optional: Valid stop bits are 1, 1.5, or 2
         [parity]  - Optional: Valid parity entries are: ODD, EVEN and NONE

 Examples: MAKETDF gold.asc gold.tdf              (Defaults:ASCII,9600,8,1,N)
           MAKETDF gold.asc gold.tdf,ASCII,1200   (Defaults:          8,1,N)
           MAKETDF gold.asc goldbau.tdf,BAUDOT,75,5,1,NONE      (Baudot file)
           MAKETDF *.asc *.tdf                    (Defaults:ASCII,9600,8,1,N)

C:\WINNT\SYSTEM32>
```

UNTDF

- UNTDF/MAKETDF
  - REMOVES/ADDS REPEAT TIME STAMPS
  - CONVERTS FILE BETWEEN TEXT/TDF FORMATS
- CRs AND LFs NOT AFFECTED

REPEAT PROGRAM

UNTDF INSTRUCTIONS

CMD.EXE

```
                        UNTDF - Version 2003

                    * * * DOD CONTROLLED SOFTWARE * * *
              * * * UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED * * *

This program converts a REPEAT Tactical Data File to an ASCII file.

Format: UNTDF infile [outfile] [BAUDOT]

 Where:
        infile    - Input TDF file name.
        [outfile] - Optional Output ASCII filename. If outfile is
                    omitted, then the output will be sent to the
                    standard output device which may be re-directed.
        [BAUDOT]  - Optional BAUDOT specifier. Specifies input TDF is in
                    BAUDOT format and is to be converted to ASCII.

 Examples: UNTDF jfkdtc.img                  (sends results to console)
           UNTDF jfkdtc.img >lpt1:           (sends results to printer)
           UNTDF jfkdtc.img jfkdtc.asc       (sends results to file)
           UNTDF bcst01 newfile.asc BAUDOT   (converts BAUDOT input to ASCII)
           UNTDF *.tdf *.asc    (converts all files with an extension of TDF)

C:\WINNT\SYSTEM32>
```

REPEAT PROGRAM

DIRTDF

- DIRTDF PROGRAM LISTS THE FILE CHARACTERISTICS OF A REPEAT TDF FILE.
- DATA DISPLAY INCLUDES:
  - FILENAME, SIZE
  - BAUD RATE
  - WORD SIZE
  - PARITY
  - ENCODING
  - POSSIBLE END-OF-LINE SEQUENCE
  - START TIME AND END TIME

DIRTDF EXAMPLE

CMD.EXE

```
C:\JWID03~1>CD 19-26 JUNE
The system cannot find the path specified.

C:\JWID03~1>CD 19-26 JUNE RECORD

C:\JWID03~1\19-26 JUNE RECORD>DIRTDF *.TDF
The following is a list of TDF files with their configurations.

  File         Size     BR  W  S  PA   ENC    EOL        START       STOP
------------ ------ ------ -  -  ---- -----  -------- ----------- -----------
23JUNE~1.TDF 23319   9600 8  1  NONE ASCII  cr,cr,lf 23/14:40:33 23/21:38:01
24JUNE~1.TDF 21346   9600 8  1  NONE ASCII  cr,cr,lf 24/15:10:01 24/21:49:19
25JUNE~2.TDF 20944   9600 8  1  NONE ASCII  cr,cr,lf 25/15:04:50 25/21:32:53
19JUNE~1.TDF 22247   9600 8  1  NONE ASCII  cr,cr,lf 19/15:12:47 19/22:17:45
20JUNE~1.TDF  2135   9600 8  1  NONE ASCII  cr,cr,lf 19/22:14:07 20/14:21:45
MISSIL~1.TDF    15   9600 8  1  NONE ASCII  cr,cr,lf 24/16:42:48 24/20:15:07
MISSIL~2.TDF    16   9600 8  1  NONE ASCII  cr,cr,lf 19/17:00:08 19/20:12:21
MISSIL~3.TDF    18   9600 8  1  NONE ASCII  cr,cr,lf 23/16:45:32 23/21:10:03
19JUNE~2.TDF  7274   9600 8  1  NONE ASCII  cr,cr,lf 19/15:13:51 19/18:20:12
MISSIL~4.TDF    43   9600 8  1  NONE ASCII  cr,cr,lf 25/15:10:06 25/21:19:11
19JUNE.TDF   20538   9600 8  1  NONE ASCII  cr,cr,lf 19/14:24:12 19/22:12:53
26JUNE~1.TDF 17989   9600 8  1  NONE ASCII  cr,cr,lf 26/14:38:05 26/21:47:34
20JUNE~2.TDF  2135   9600 8  1  NONE ASCII  cr,cr,lf 00/00:00:00 00/00:22:49

C:\JWID03~1\19-26J~1>
```

REPEAT PROGRAM
DIVIDE
PROGRAM

DIVIDE

- ALLOWS THE OPERATOR TO DIVIDE A FILE INTO SMALLER FILES.
- USEFUL FOR COPING FILES TO FLOPPIES.
- FILES ARE DIVIDED INTO USER SPECIFIED FILES OF SIZES IN MULTIPLES OF 1024
- PROGRAM CREATES NEW FILES WITH EXTENSIONS OF .001, .002, ETC., AS RQRD
- ON SCREEN COUNTER DISPLAYS NUMBER OF NEW FILES

DIVIDE INSTRUCTIONS

CMD.EXE

```
C:\JWID03~1\19-26J~1>DIVIDE
                              DIVIDE - Version 2003

                         * * * DOD CONTROLLED SOFTWARE * * *
                    * * * UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED * * *

The DIVIDE program allows the operator to subdivide a file in smaller files
of 1K increments.  This is most useful for coping files to floppies.  The
program creates new files with extensions of .001, .002, etc., as needed.

FORMAT: DIVIDE infile [size]

 Where:  infile    - Name of file to be divided into smaller subsets
         [size]    - optional field to determine size of files to be created
 NOTE:   The default size is 1K.  The value entered for size will be used as
         multiplying factor of 1K blocks. (1K = 1024 bytes)

 EXAMPLES: DIVIDE F1      - Divides F1 into 1K subfiles (1024 bytes)
           DIVIDE F1 3    - Divides F1 into 3K subfiles (3072 bytes)
           DIVIDE F1 1400 - Divides F1 into 1400K subfiles (1433600 bytes)

C:\JWID03~1\19-26J~1>
```

REPEAT PROGRAM

DR

- PROGRAM DISTRIBUTED WITH REPEAT SOFTWARE TO ALLOW USERS A QUICK WAY TO SEE WHAT FILES ARE IN THEIR CURRENT DIRECTORY AND TO VIEW THE ASCII RESULT FILES CREATED BY THE MULTITUDE OF REPEAT ANALYSIS PROGRAMS
- SHAREWARE

DR COMMAND

CMD.EXE - DR

```
   Directory of C:\JWID03~1\19-26J~1

19JUNE   TDF 21030912   6-19-03  10:13p
19JUNE~1 NDX   176396   6-26-03   7:38a
19JUNE~1 TDF 22780928   6-26-03   7:38a
19JUNE~2 NDX    75962   6-26-03   8:33a
19JUNE~2 TDF  7448576   6-26-03   8:33a
20JUNE~1 NDX    62282   7-03-03   8:32a
20JUNE~1 TDF  2186240   7-03-03   8:32a
20JUNE~2 NDX    62282   7-03-03   8:38a
20JUNE~2 TDF  2186240   7-03-03   8:38a
20JUNE~2 TXT  1094861   7-03-03   8:38a
23JUNE~1 TDF 23878656   6-26-03   7:57a
23JUNE~2 NDX   208392   6-26-03   7:57a
24JUNE~1 NDX   182514   6-26-03   8:00a
24JUNE~1 TDF 21858304   6-26-03   8:00a
25JUNE~1 NDX   180956   7-03-03   8:48a
25JUNE~1 TXT 18335466   7-03-03   8:48a
25JUNE~1 XXX 21446656   7-03-03   8:48a
25JUNE~2 NDX   180956   7-03-03   8:40a
25JUNE~2 TDF 21446656   7-03-03   8:40a
26JUNE~1 NDX   190608   7-03-03   8:45a
26JUNE~1 TDF 18420736   7-03-03   8:45a

              30 Files
```

```
PC Magazine DR.COM
(C) Copr. 1987 ZD
Michael J. Mefford

F1   View (or ←┘)
F2   Delete
F3   Rename
F4   Move
F5   Confirm   ON
F6   WordStar  ON
F7   Sort by Name
F8   Sort by Ext.
F9   Sort by Size
F10  Sort by daTe
Esc  to Exit

 Use: ↑ ↓ PgUp PgDn
^PgUp ^PgDn Home End
```

DR EXPAND

CMD.EXE - DR

```
☺ X3♠☺>♂    `ZNR UUUUU

R 192206Z JUN 03

FM TOPCOP

TO RADMERCH

C2IT05

BT

UNCLAS

MSGID/TOPCOP/CIX`/9810/JUN

LCIC/AV6424816729/1740KC130J/L11/UNKNOWN/00367/AIR/00/FRD/00130/15

//1740/1740/3//`01004

XPOS/192206Z0/JUN03/LL:383629.48S3-1480718.16E6//000T/0NM/0NM/293.0T

/397.0KTS/ALT081/`//JTIDS

LEXT/10613/1004/00247/00000//ELLIPSE   /000T/    /0/0/0/1
```

REPEAT PROGRAM

SETCOLOR

- PROGRAM ALLOWS THE USER TO CHANGE COLORS FOR RDB APPLICATIONS.
- COLOR INFORMATION IS STORED IN A FILE CALLED COLORS.V02
- AS APPLICATIONS ARE EXECUTED THIS FILE IS SEARCHED FOR VIA THE SEARCH PATH.
- IF NOT FOUND, DEFAULTS TO BLACK AND WHITE

SET COLOR

CMD.EXE - SETCOLOR

Displays

- TOPLINE
- ERROR
- MENU
- MENUITEM
- ASK
- ASKITEM
- ASK_HIGHLIGHT
- HELP
- HELP_HIGHLIGHT
- DEFAULT
- DEFAULTHI
- MORE
- VERIFY
- BOTTOMLINE

* * * DOD CONTROLLED SOFTWARE * * *
* * * UNAUTHORIZED USE OF DISTRIBUTION PROHIBITED * * *

F1-Restore all ↕-Move cursor ↵ Select ESC-End selection

REPEAT PROGRAM

XTRTIME

- PROGRAM PERMITS THE OPERATOR TO EXTRACT DATA FROM A TDF FILE
- EXTRACTION BASE ON TIME
- START AND STOP TIME IN DD/HHMM
- IF STOP TIME OMITTED DEFAULTS TO EOF

XTR TIME

CMD.EXE

```
C:\JWID03~1\19-26J~1>XTRTIME
                              XTRTIME - Version 2003

                         * * * DOD CONTROLLED SOFTWARE * * *
                  * * * UNAUTHORIZED USE OR DISTRIBUTION PROHIBITED * * *

The XTRTIME program permits the operator to extract data from a TDF
file based on a time interval. A new subfile is created.  The time syntax
may be entered in the abbreviated format.

FORMAT: XTRTIME infile outfile start [end]
   where:  infile        - DOS path name to an input TDF.
           oufile        - DOS path name to an output file.
           start time    - Start REPEAT TIME (DD/HH:MM:SS.D)
           end time      - Optional: End REPEAT TIME (DD/HH:MM:SS.D)
                           If omitted it defaults to the end of file time

EXAMPLES: XTRTIME C:\REPEAT\IOWX.191 IOWX.SML 20/0030 20/0040
          XTRTIME AMERX24A.RAW AMERX24A.CUT 05/20

C:\JWID03~1\19-26J~1>
```